ASAMM-Chukchi – Flight 217 – 31 July 2014

Area flown: Blocks 3 and 11, western half; transects 7 and 9, partial; coastal transect from north of Wainwright to Barrow; search between Smith Bay and Barrow
Total hours flown: 6.6 (2 flights)
Total transect hours: 3.7
Number of bowheads seen: 3 (0 calves)
Weather and visibility: Skies were overcast. Sea state ranged from Beaufort 0-5. Visibility varied from 0 to 10 km, with precipitation, glare, low ceiling and fog. Ice cover ranged from zero to 75% broken floe in the area surveyed.
Sightings: Bowhead whales, gray whales (including 4 calves), belugas (including 11 calves), one unidentified cetacean, walruses, small unidentified pinnipeds, and one unidentified pinniped.

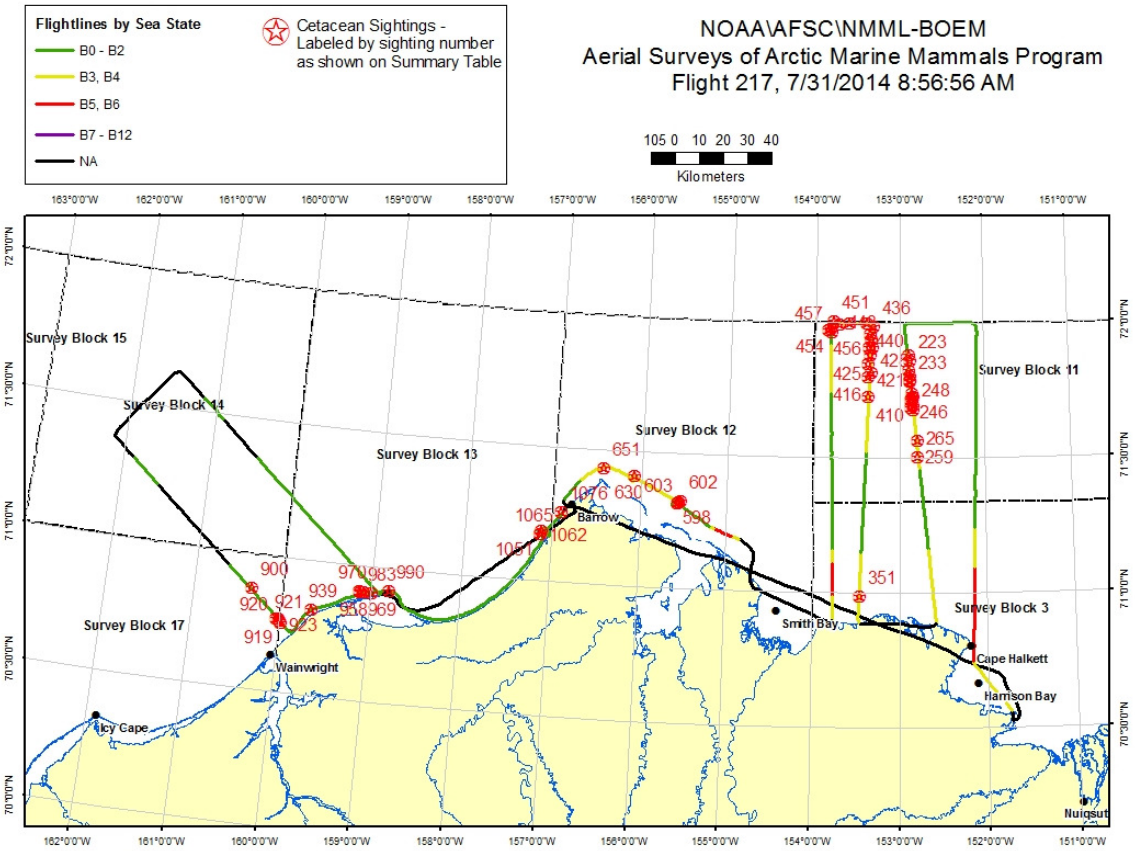
Preliminary Summary, Flight 217 Date: 7/31/2014

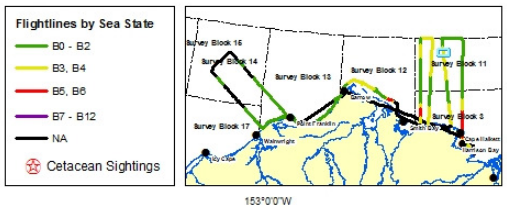
Total bowhead whales: 3	Start time: 7/31/2014 9:06:14 AM	End time: 7/31/2014 4:37:29 PM
Bowhead whale sightings: 3	Transect minutes: 223	Transect km:787.7
Bowhead whales on transect: 0	Circling minutes: 26	Circling km: 50.4
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 249	Trans+Circ km: 838.1
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 42	Search km: 161.9
Bowhead whale repeats: 0	Total minutes: 398	Total km: 1545
Possible repeats: 0	Deadhead minutes: 107	Deadhead km: 545
Total gray whales: 15	Search blocks: 3, 11, 0, 12, 14, 13	
Total belugas: 102	Transect blocks: 3, 11, 13, 14, 17, 12	
Other whale sightings: 1		
Total walrus: 70		
Total polar bears: 0		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
220	71.88	-152.91	11	beluga	1	0	swim	264	True
223	71.86	-152.9	11	beluga	5	1	swim	263	True
227	71.82	-152.89	11	beluga	6	1	mill	-1	False
229	71.81	-152.88	11	beluga	1	0	rest	-1	False
231	71.79	-152.88	11	beluga	1	0	tail slap	-1	False
233	71.79	-152.88	11	beluga	2	0	mill	-1	True
237	71.74	-152.86	11	beluga	1	0	swim	295	True
239	71.73	-152.86	11	beluga	2	0	swim	174	True
240	71.72	-152.85	11	beluga	1	0	swim	-1	True
241	71.72	-152.85	11	beluga	1	0	swim	174	False
242	71.72	-152.85	11	beluga	6	1	swim	234	True
245	71.69	-152.84	11	beluga	3	1	swim	233	True
246	71.69	-152.84	11	beluga	2	0	swim	204	True
248	71.68	-152.84	11	beluga	1	0	swim	-1	True
259	71.56	-152.8	11	beluga	2	1	swim	323	True
265	71.51	-152.78	11	beluga	1	0	swim	114	True
351	70.99	-153.46	3	beluga	2	1	dive	276	True
410	71.73	-153.36	11	beluga	1	0	swim	123	False
416	71.8	-153.35	11	beluga	1	0	swim	304	True
418	71.82	-153.35	11	beluga	1	0	rest	-1	True
421	71.85	-153.35	11	beluga	1	0	swim	304	True
425	71.88	-153.34	11	beluga	4	0	swim	244	True
427	71.91	-153.34	11	beluga	3	0	swim	272	True
428	71.91	-153.34	11	beluga	1	0	swim	-1	True
431	71.94	-153.33	11	beluga	1	0	swim	93	False
432	71.94	-153.33	11	beluga	5	0	swim	183	True

434	71.96	-153.33	11	beluga	4	2	swim	92	True
436	71.99	-153.33	11	beluga	1	0	swim	271	True
440	72	-153.38	11	beluga	1	0	swim	298	False
445	72	-153.59	11	beluga	4	0	rest	-1	False
448	72	-153.72	11	beluga	1	0	swim	180	False
451	72	-153.79	0	beluga	1	0	mill	-1	False
454	71.98	-153.82	11	beluga	6	1	mill	-1	False
456	71.97	-153.82	11	beluga	8	0	mill	-1	True
457	71.97	-153.82	11	beluga	1	0	swim	270	True
598	71.32	-155.57	12	bowhead whale	1	0	swim	274	False
602	71.33	-155.54	12	gray whale	2	1	rest	-1	False
603	71.32	-155.55	12	bowhead whale	1	0	swim	-1	False
630	71.4	-156.09	12	bowhead whale	1	0	rest	-1	False
651	71.44	-156.44	12	beluga	1	0	swim	168	False
900	70.87	-160.34	17	gray whale	2	1	swim	250	True
919	70.78	-160.02	17	beluga	3	1	swim	344	True
920	70.77	-160.01	17	beluga	2	0	swim	341	True
921	70.77	-159.98	13	beluga	3	0	mill	-1	True
923	70.76	-159.97	13	beluga	7	1	swim	343	True
939	70.82	-159.64	13	gray whale	2	1	rest	-1	True
958	70.9	-159.07	13	unid cetacean	1	0	swim	166	True
969	70.9	-159.12	13	gray whale	1	0	swim	-1	False
970	70.91	-159.13	13	beluga	1	0	dive	-1	False
983	70.9	-158.99	13	gray whale	1	0	swim	256	True
990	70.92	-158.8	13	gray whale	1	0	rest	-1	True
1051	71.18	-157.05	13	gray whale	4	1	feed	-1	True
1062	71.17	-157.12	13	gray whale	1	0	rest	-1	False
1065	71.18	-157.13	13	gray whale	1	0	run	-1	False
1076	71.26	-156.89	12	beluga	2	0	mill	-1	True





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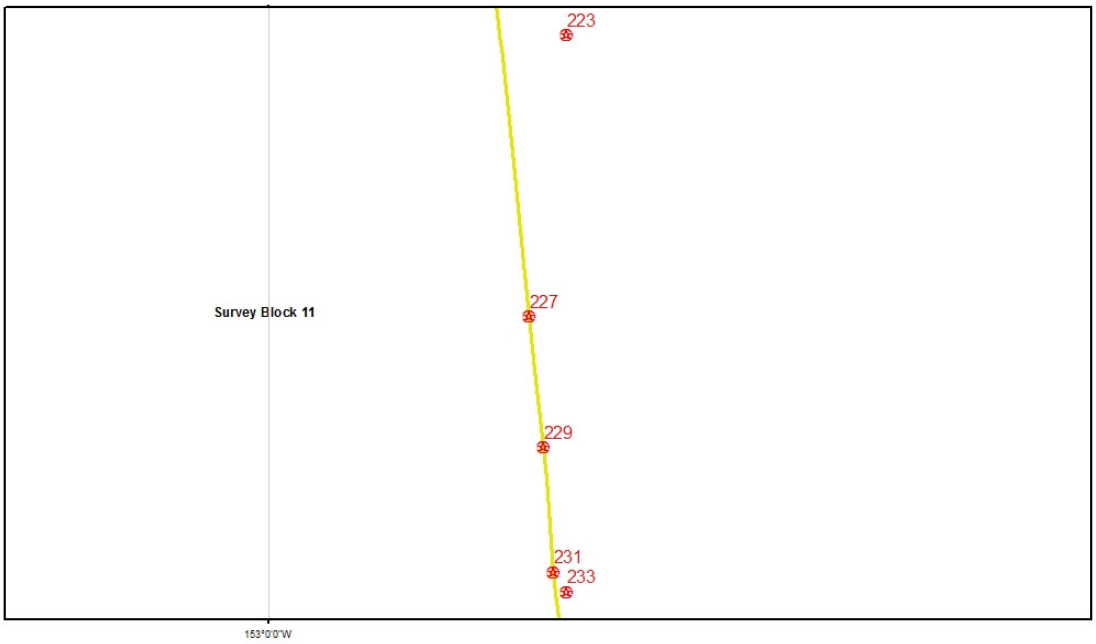

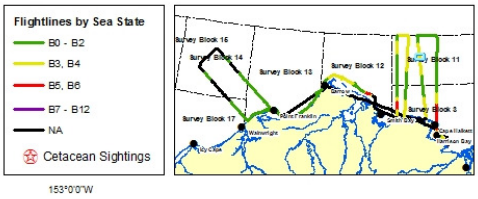

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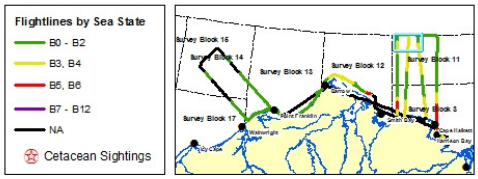

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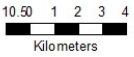

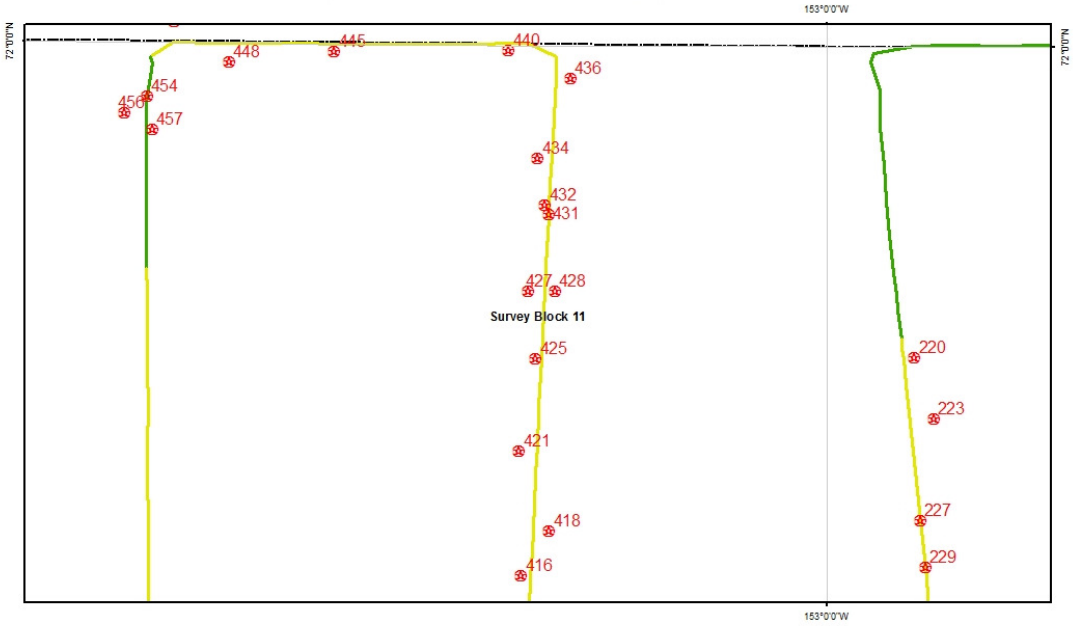

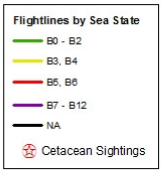

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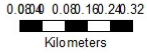

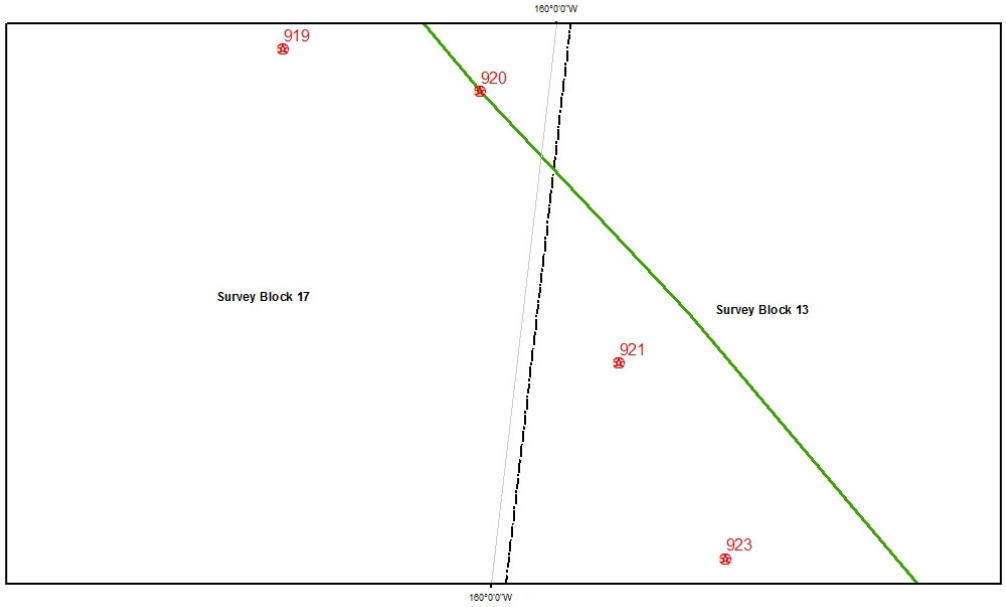

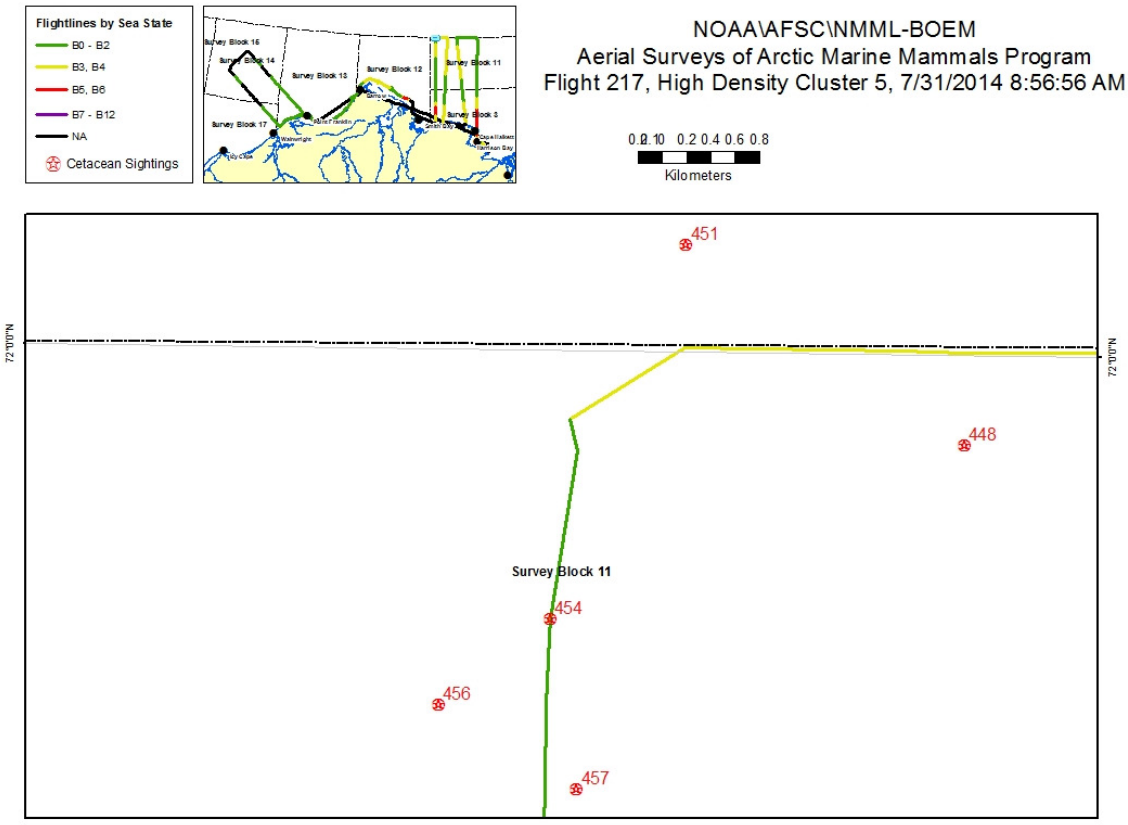
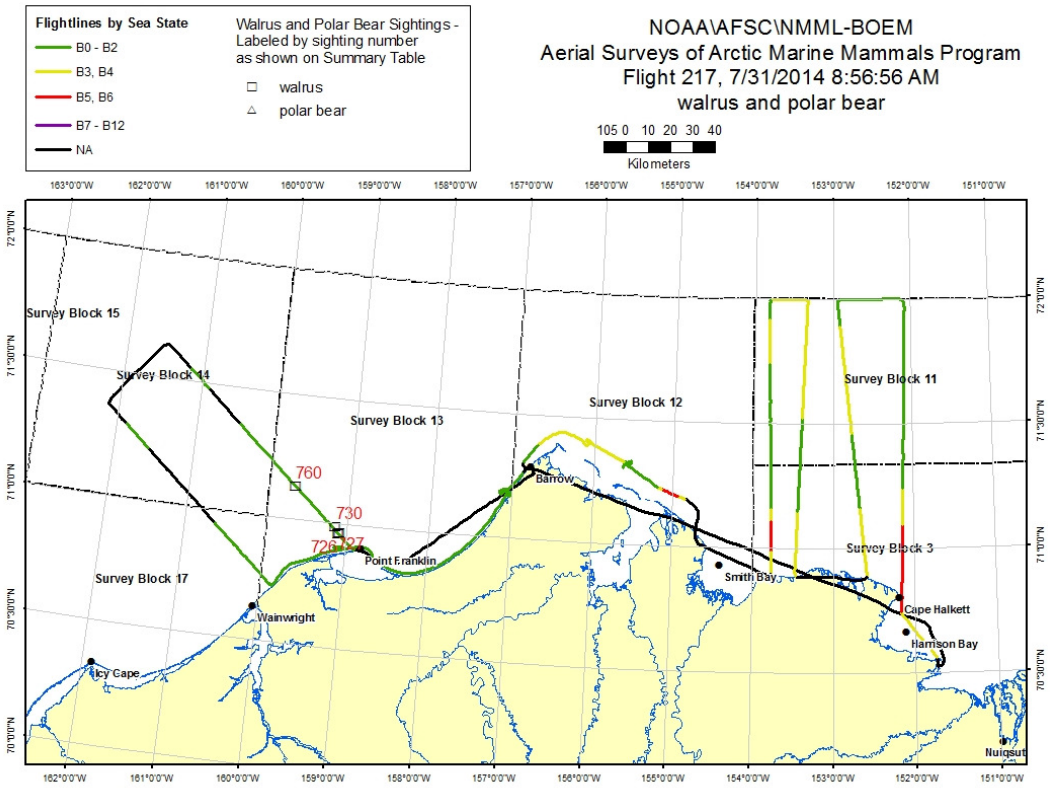
Walrus and Polar Bear Sightings: